Last Sunday's 3rd national synchronized swimming clampionship in the swimming pool of the Moscow Olimpisky Spotts Complex was first to be held under the apspices of a recently multituted federation embracing 2,000 performers from 27 Soviet cities.

87 participants from seven Union republics contraded the awards, said USSR state coach igor Bagayets. Even though the scores went to already famous Moscow competitors, 19-year-old Yelena Osipova who won the overall little and her partner fring Polyconkina who snatched two titles for the pair and group composition, they had a rather tough time from younger compett-

The performances last Sunday offered trainers the basis for the selection of a national team for us first yet European juicior championship due on August 16-19 at the Haage, Holland.

Yelena Dolzhenko, 17, who won the broaze in the individual programme, has been practising the sport for only three years. Her cherished year is to make the European finals. Her teammales in the national junior team frina Zhukova and Olga Belaya who did well in the duel event, are also in a lighting mond.

it is believed that the chang skills of the girls ofter good hopes for the USSR to present a fairly strong team for the 1985 European champion. ship in Solia and the 1986 Madrid world cham-

Valeriya MIRONOVA



Irina Polyonskina and Yelena Photo by Andiel Knyozev

26th MEDAL FOR SERGEI KOPYLOV

At the just ended national shampionships on the Krybt skrye Olympic cycling track in Moscow, 24-year-old Serger Kopylov of fula won two gold awards and is now considered. to be one of the main favourities in the "Irrendship-84" tournament scheduled for Moscow Inlate August.

In our previous issue we carried a report on triple world champion Sergel Kopylov's 1,000 in time trial wins. Last Sunday he won his tayourite special event where he twice wonthe world title in an event closely confested with Alexander Pontitov of Syrdarya, 1980 Clames time trials silver medallist. In the past year or two Pati-filov has followed Kopylov's system of combining time inals with sprint, which has boosted his performance considerably. Finishing third in the race was ex-world champion, 19-year-old Nikolai Kovili of

For Kopylov his latest win brought up to 26 the number of his gold awards



Reigning national champions Moscow Slava were thrashed 3-9 by Kulaisi DSK in a recout national rugby championship in Moscow.

YURI TITOV ELECTED PRESIDENT

York Titov, 48, of the USSR, was elected president of the International Cymnastic Lederation for a third term at the authordative organization's recent Congress, He was first elected to this office in 1970.

A Merited Master of Sport, he

was overall would chambion in 1962. He also won the Olympic leam title in 1956. Our editorial office, which or-

gamizes annual International "Moscety News" gymnastics competitions is in constant touch with Yu. Titov.

As our long-time friend we wish him good health and sucress in his work as President of

THE SCORE IS 7-7 SO FAR...

Wimbledon champion American John McEnroe and five times Wimbledon winner Swede Biorn Borg who left competitive sports two years ago will hold an exhibition match in Kansas City, Missouri, this September, according to an Associated Press

The Idea belongs to McEnroe who still has no edge over his rival, the score of their matches being 7-7 so (ar. McEnroe won when they mel in the US open

Games without champions

Los Angeles will be the scene for the 23rd Olympics but conspicuously absent from the Cames are sportsmen from the USSR and most socialist nations.

are attending such events as

weightlitting, modern pentathlon,

absent from the Games is 7%

Even in athletics the figure

First results

Cames.

1.06.65.

Severe people are deeply on vincer that the difficulties the One of the most attractive as-Olympic movement has run lato are only temporary and the the lorces advocating the publy pects of sports is keen competition out of which the ablest emerges in a hard-fought and of the Olympic movement ship honest contest. From this slandcompliance with the Olympic point the present Games cunnol, Climiter and making the Gam regrettably, provide a true idea n holiday of youth and spat would ultimately triumph. of the balance of nower in most Olympic sports. According to the Bratislava "Pravda" news paper, 56 per cent of the world Libya stays out champions in various sporting activities will be missing from

the Los Angeles Cames, None Only several hours before the Los Angeles Cames took of the by a announced its decision of basketball, and handball. The to attend in protest over 6300 percentage of champions in boxminutory measures by the I ing, and Graeco-Roman and State Department against the treestyle wrestling that will be prossumen. The Department is

Insert entry visas to Libyan jo

gouda of the "American way of

presidential campaign,

lite" and a continuation of the

natists who were to cover the stands at over 53 per cent. The Games' Organizing Committee and the US administra-A Department spokesman at in Washington that three libtion especially, have done all ans were refused visas for sx. they could to keep the USSR ity consons. The newsmen lear away from Los Angeles, Antithat they had been barred but Soviet campaigus, threats of the Climes only when they will have to beard a plane bephysical violence and libelious statements were matched by distor Los Angeles. criminatory demands breaching

The president of the Orgathe Olympic Charter, forcing So-The Committee of the Canes b viet sportsmen to decline partiter Unberroth, claimed that cipation in the e-all-important was not his responsibility make sure whether they But what purpose did the attnewsmen of not Be sud li Soviet livsteria serve? Interest was a government decision. in the Games has declined, inthat the Committee, being a stantly affecting the ficket value corporation, had to sub-To it, and that the Compa sales, and technical performance has lost its standards, in fact, would take no action in t the organizers were interested in other things, which surfaced

most graphically on the opening Brazil refuses On the opening day of the

Brazil will not take pa the Los Angeles Games eque rian competition

Los Angeles Olympics nine sets of medals were contested. The USA won most of them. 'Two According to the Brazilian logation authorities, an waker. world swimming records were set in the process -- Michael Gross of West Cermany won the person stole his way into stubles and stashed a loss to Brazillan rider had to const 200 m treestyle in 1.47.44, while Steve Lundquist of the USA on across the neck, Velenrious sewed 62 seams onlo took the 100 m breaststroke tuwound. Two gold medals went to Chi-

Police and the organic na. Xn Flatteng won the free pia-tol, and Zeng Guqlang triumphed in the under-52 weightlifting committee inembers responsition security in Santa Antia pit where the Olympic dress; contest is being held, claims that this was merely at 4 cording to specialists, this result have disqualified him from comcident. One of the attending peting in the 1983 top six world that the horse had cut itself w championship. By way of com-parison Moscow Olympics willthe metal plate at the stall. It seems there are too many ner Kanybek Osmonaliyev of the USSR totalied 245 kg, while the world record of 260 kg belongs cidents taking place at the Angeles Olympics

division totalling 235 kg. Ac-

to Neno Terziisky of Bulgaria.

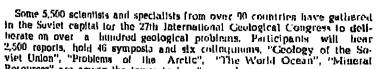
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INTERNATIONAL GEOLOGICAL **CONGRESS**



nerate on over a hillidred geological problems. Participants will hear 2,500 reports, hold 46 symposia and six colloquiums, "Geology of the Soviet Union", "Problems of the Arctic", "The World Ocean", "Mineral Resources" are among the topics to be discussed.

Also participating in the Congress are the international Union of Geological Sciences, the international Ceological Correlation. Programme, and over 90 UNESCO and UNEP bodies and other international organizations. tions, 500 leading scientists from all over the world helped prepare the programme of the Congress.

Soviet-American mutual understanding is vital

No. 60 (575), AUGUST 4-6, 1984

Baween July 30-August 2, 1931. Moscow Friendship House we the site of the second meetme of public representatives of the USSR and USA. Problems in Solet-American relations and smament, a dialogue jointly vited by the USSR-USA Soday, the USA and Canadian day has highlitude of the USSR A sleav of Sciences, and the cetate for Policy Studies of " clington, were among maters deliberated upon at the

A plat statement issued at "- closing section of the meet-¿ says among other things, the plenary meetings and along group sessions consiland organt steps needed to it the arms race, the situation burge and the Third World. to well as Soviet and American in hides to general security and

 Exchange of opinions, the sis toment points out, was con-sidered useful and constructive by either side. The representatives emphasized that at the cur rent stage of tensions in bila teral relations special attention should be paid to contacts and sortous dialogue in order to build up material understanding among the citizens of both na

of the fire of bounds

Price 5 kopeks

Both sides agreed on the new for a programme capable of en suring mutual security, includ ing lattial steps towards general disarmament, and mutually veri Hable control of moratorium on production, testing and deploy ment of all types of nuclear

The conferees layoured con tinued dialogue directed on halting the arros race and improvement in bilateral relatious.

UNIDO conference opened

Vienna. Numerous state flags
12 liying in the facade of the
2 liying Palace, where over one
3 indeed and thirty countries are raing part in the 4th Ceneral And part in the 4th Ceneral Wilerance of UNIDO (United into internal Development Grantzation). The Soviet deletile is led by M. Krugtov, the Chairman of the USSR The Committee for Source Chairman of the USSR He Committee for Science and

Addressing the delegates in an Paing address, the UN Socroth Ceneral Javier Peroz de ellet stressed the important in a universal "ly called upon to promote indistinction process of dehe purposes of wider coopera-n on global, regional and noconditions of peace and international security. He pointed out that the international organization must contribute as far as it can to a lasting prace.

Making stakes on force, esca-lation of the arms race and subordination of economic relations to policies of aggression stand in the way of resolving the key problems of world econouic development. The imperialist powers, the

USA in the first place, use all sorts of political and economic pressure to force young states to shoulder the burdens of econonic crisis, while continuing to step up its exploitation, create conditions which would allow



the PRG, to protest against the continuing aims race and the de-ployment of new US anchear flist-stilke missiles in Western Europe.

'PEACE AUTUMN' IN WEST GERMANY

Bonn. "Peace Autumn-84" is the programme of artion, approved by the coordination cominitice of the West German peace movement, which will in-clude nationwide project marthey against the deployment of Pershing-2 missiles. The station-ing in West Germany of new American nuclear first-strike weapons, the committee appeal points out, has aggravated world tensions, and West German se-curity has diminished rather than otherwise.

lice has repeatedly used force

Meanwhile the conservative and Christian Social Unions is carry on their drive.

mounting a slanderous campaign agninst West Certain peace advocates, to a point where Minlater of the Interior Friedrich Zimmermann of the CSU prepared a drall law giving wider powers to the police in breaking up peace demonstrations and arresting their members. The po-

against residents of a peace camp near the American military base at Mutlangen where the lirst batteries of Pershing-2 missiles have already been. installed. Despite this victous campaign, activists of the anti-misailiance of Christian Democratic sile movement are resolved to

Politbureau weekly meeting

The Polithureau of the CPSU Central Committee has discussed further impovement of public transportation in the country. It mapped out measures to ensure the smooth operation of all types of transportation, to hulld up the production and technical base of transport organizations and accelerate introduction of automated control systems for licket sales and traffic. Special attention was locused on staff-ing in transportation network and on improving the working and heling conditions of delver train oftendants, controllers and

other transportation workers. The Pollthureau also approved of measures suggested by the USSR Council of Ministers for developing automated design systems and their application in the national economy.

The meeting approved of a decision of the CPSU Central Committee and the USSR Councit of Ministers on measures to ensure the commissioning of the Yamburg gas condensate field in the Tyumen Region.

Similarly the Politbureau approved of the outcome of the nieeling between Mikhail Gorbachoy and Botts Ponomaryov on the one hand, and Chairman of the Gorman Communist Party

Vladimic Dzhanibekov sum-

PRESS TIME FOR COSMONAUTS

sends off crows into space and welcomes them on their return. Now, the southern sun, loo, is warmingly greeting Vladimir Dxhanibekov, Svetlana Savit-skaya and Igor Volk who are now back from space after a spell aboard the Salyul-7 space

The cosmonauts are currently undergoing medical cheekup, writing up reports on their act-

Together with his contrades, igor Volk planted a smoothleaved elm—the traditional tree to commemorate his first space mission. There is a big shady grove planted by cosmoneuts after their space (lights and igor is the 58th. If trees were planted by foreign spacemen who flew aboard Soyuz space-

Pressmen, too, are eager to associate with the cosmonauts. They have selzed every oppor-

marized the programme. He said it chiefly contained new experiments, was interesting and had much practical value. Svet-lana Savitskaya, the first space female welder, talked about ex-periments conducted with advanced lechnological equipment in outer space. She said the versatile tools performed wonderfully just as had been expected by their developers. It was fasoperations in weightlessness, she added. Though a fairly reserved person, Svelinna could not bely making remarks about the beauty of our planet and the im-portance of railying people the world over, including cosmonauts, to preserve it forever.

Igor Volk who was in charge of scientific research said that the mission provided new and important data on space mediine, biology and technology. Meanwhile, Leonid Kizim,

Meanwhile, Leonid Kizim, Viadimir Solovyov and Oleg At-kov have resumed their routine aboard the Salyut-7 orbiting station. Though they have been in space for six months modical specialists upte that their working about the sale specialists upto that their working ability and cheerful disposition have not been affected in
any way. They are conducting a
new series of astrophysical research and have also stated a
biological experiment with
equipment placed on the exlerior of the spaceship.



Photo by Andrel Knyazev

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bikva River viewed from the Borodinsky Bridge.

LAND ENTERIOR their economies to be penatrated entific experiments and, together The UN Secretarytunity to question them on their impressions and results. In his (a interest in the state of the tional corporations, thus impedthe performance of the space ily perform its tasks under ing the economic development of devices and experimental equipthose countries. MOSCORA SIGHTS the restaurant of the second o

Nicaragua getting ready for elections

Managua. The campaign had been started in Niceragua for the general elections to take place on November 4, 1984.

The genuinely democratic elections the preparation to which takes place in the atmosphere of complete respect for civil rights and liberties, will become the first such event in that country's history.

Despite the bloody terror unleashed by the US hirelings, the attempt not to allow the voters' registration to take place has been frustrated. According to the supreme election council, 1.400.000 voters have been registered, more than could be were held in the country over

India

Libya condemns

Delbi. India is seriously concoined with large-scale deliveries of American weapons to Pakisian and the escalation by the USA of its military presence in the Indian Ocean, Prime Minister Indira Gandhi said in an address to Parliament. She said Pakistan had deployed latest US-made arms on its border with India, and that India had no doubts whatspever that those weapons would be used against

is anxious

US arms supplies are poisoning the atmosphere on the South Asian subcontinent at a fime when India is persisting in her desira to create in South Asia a situation of pears and good-neighbourly relations, in this re-gard, Indira Gandhi said that India could not put up with the deliveries of the US weapons,

The head of the Indian Goverument told the MPs that India's concern over US arms supplies to Pakisian had been expressed by the Indian Government to the US administration, and also to Vice-President George Bush during his last visit to India but the American side did not pay attention to India's po-

VIEWPOINT

of the seven leading capitalist countries in Versallies; President

Reagan said that if the capitalist countries pushed, People's Pol-and and the entire socialist

So Washington engaged in pushing, together with its ailies.

First-strike weapons—the Amer-

ican Pershing-Is and cruise mis-siles — found their way into Western Europe. The "star war"

plan has been made public while

the Reagan administration tries to pound out of the US Congress

ing its chemical assenal.

ore allocations for moderniz-

But Washington's tactic is not

world would fall.

the past week at which Nicaraguans declared their support for Daniel Ortega and Sergio Ramirez, the Sandinist National Liberation Front candidates for president and vice-president of the

republic.

Bayardo Arse, coordinator of the political commission of the national leadership of the Sandinist National Liberation Front, called the mass participation in the election process another Important victory over the hostile ntrigues of the US imperialists. Addressing a rally in a working people's Managua district, he called upon the Nicaraguans to he ready to repel more aggressive actions being planned by the Reagan administration.

New York, Libya has protested to the UN over America's militery banditry, as the USA recently carried out a largescale aggressive act against this sovereign nation. The Secretary of the Bureau for External Relations of Libya Ali Abdel Salam al-Treiki sent a letter to UN Secretary-General J. Perez de Cuellar stressing that US ferwere creating a dangerous situa-

The letter stresses that early In the morning of July 26 Amer ican 6th Ficet planes violated Libyan air space. The provocation, which lasted more than 12 hours, involved 164 planes, some of which penetrated about 10 to 15 kilometres inside the air

The document further notes that such actions create much danger for civil aviation flight and ecopardize peace and secur-ity in the whole region, Al-Tra-iki charged that Libya reserved the right to take all necessary measures to protect its air space and territorial waters.



The modern "samural aword" (American variant). Drawing by M. Abramov

Politburequ weekly meeting

(Continued from page

Herbert Mies, on the other I phasis was tald on the univering soliderity of Soviet G. munisis with the German (monust Party, which coale the linest traditions of the Gr man working class mover and on the importance of consistent fight for the later of the working people, as wi as its atruggle against the p cles of monopoles, militare and revanchism.

Ly Nikolal Tikhonov and Vi Kuznelsov on their talks we parliamentary delegation d Greek Republic led by pa ment chairman Josonis Ab and expressed satisfaction the consistent development relations and confirmed the size of the USSR to stretch political, economic and cole cooperation with Greece is interests of our peoples. cause of peace and world w

The Polithureau alsore: e-d and passed resolutions several other lasties.

STRIFE IN THE AFGHAN COUNTERREVOLUTIONARY CAMP

New York. Reports coming from Islamabad asy Pakisteni authorities have offered the counterrevolutionary emigration leaders to move their headquarters from the town of Peshawar to the so-called Alghan refugee camps. One of the reasons behind the move are the attempts to head off aggravation of competition between the warring counterrevolution-ary factions, whose unceasing

and moral damage to the local people. That the enmity among them has grown into an open war, is testified, specifically, by an attempted marder of Gulbuddin Hekmatiar, who leads one of the major groupings..."Hexbe is-lami". In this connection the Pakistani political circles have emphasized the mounting competition among the emigration "chiefs" of various shades to take control of the gangster cat rations of the content of the

The strife within the con" revolutionary camp has der vigorous attempts by the administration and other W ern nations to knock topsome kind of 'single faagainst Afghanislan and : the thugs on some "ideolog" platform".

Explosions in Bay of Suez

Cairo. Several explosionali been registered in the Bri Suez in the Red Sea, the R. J. for ships sailing through Suez Canal.

The head of the canal admi istration Izzat Adil resolut. rejected claims by the West press that the explosions kinhave been caused by miss kind over from the 1973 Middle fid war. He also excluded post presence of explosive devi-in the Suez Canal According available information, the the ges that exploded were the described were the described were the described when the described were the described with the described when the described were the described with the described with the described were the described with the described were the described with the described were the described with the described wi derably less powerful that standard naval mines and been plented not along the beautiful towards. nal axis, but closer lowards
zone where sea oil deposits being prospected for with as

ance from Western firms The responsibility for the 2 plosions in the Bay of Suer Me been plosions in the Bay of Suer Me been plosions in the Bay of Suer Me been plosions. plosions in the say the clauder to been claimed by the clauder is rightist Mosiem organization. Jihad, whose representation of the formed Agence France-Press formed Agence France-relation telephone. Since the name istate to religious-political in a number of Middle Saira countries, the organization home country remains under Meanwhile, normal situation has been restored both in the saira cannot be adjust the saira cannot be adjust to the saira cannot be Suez Canal and in the adjoin

sea areas.

The causi operates without terruptions and the number terruptions passing through it has the sales passing through it has the decreased.

THE WORLD

RESPONSE 'WAR AGAINST UNIVERSITIES'

where Palestinians can live and

The invaders persecute virtu-

ally all representatives of Pale-

stinlan intellectuals — artists,

writers, musiclans - the most

educated section of the people,

the keepers of their cultural

traditions. Ancient monuments

manuscripts and archives deal-

ing with the history of the Pale-

stinian people are being either

destroyed or stolen. Zionists are

representing at times Palestini-

aus' folk clothes and music and

their ethnic food as something that is "Israeli folk creations",

as the Palestinian poet Samih al-

Tel Aviv aims to suppress the

national consciousness of the

Palestinian people, to chango

their past in order to further

their own expansionist goals.

Nikolat VALENTINOV

fossilized shell. But recently

collector and connoisseur

local shells on Manus Island in

the Pacific said that the waves

were frequently casting ashore quite "fresh" shells of mollusks.

After that two American scien-

tists started searches and found

Romanian scientists have con-

ducted comprehensive studies

into the possibilities of making

vulcanic rocks, specifically zeo

liles, usoful to the national

economy. The results of their

experiments have shown that

reclites exert considerably bio-

stimulating influence on the growth of such agricultural

crops as maize, polatoes, hop and

Scientists have also established

that these minerals can serve as

a major source of increasing

polassium, magnesium, ferrum and other important microele-

ments in soil. They also have

silmulating impact on domestic

animals, poultry and even fishes.

on the continent. The seminar

said regular exchange with act-ence and technological news will contribute towards a rise of

agricultural and industrial pro-

duction, progress in health ser-vices and education. The semi-

nar stressed the need of a deep-

er cooperation among the coun-

tries of the continent in their

PANA will soon begin to is-

sue special information bulle-

tius on the most important is-sues of development, the meet-

ing was told by the PANA Di-

rector Ousmans Diallo. They in-

clude publications on problems

MINERALS WILL HELP

Qasim wrote recently.

Science and technology

not squeamish about falsification

think independently.

ver), which opened the Palestine

Culture Week. The punishment

was cruel: derens of students were put behind bars and the

university was closed by the

occupation authorities for four

present the latest episode in the "war against universities" which

Tel Aviv wages in the occupied

Arab lands. The invaders do

everything to discupt the acad-

emic process, to paralize the operation of the Palestinian ed-

ucational establishments. Ar-

resis among students, persecu-

tions of professors (often under

the pretext of their unwilling-

ness to sign the hundbating cor-

tificate of loyalty to Israel), vari-

ous financial obstacles - these

are what the zonists resort to.

As a Palestinian professor told

"Le Monde" newspaper, the Is-

raeli Government Itles to stop

every activity in the universi-

The French Renault company

" buses. At stops they will go

'on their knees". "Two of the R-312 buses have

already been manufactured and

are undergoing tests. Their seating capacity is 124, and they are meant for inunicipal

ommunication. Special pneuma-

c springs enable the bus "lo

quat", going down by 8 cm.

This makes boarding ensier, lu-

two years 200 of these "callant"

buses will be running in Paris,

Lyon, Marseilles and other

REANIMATED FOSSILS

starting production of "court-

COURTLY BUSES

The reprisals in Al Najah re-

Palesiinian culturei When they hear this they immediately grab a gun in Tel Aviv. This is no exaggeration. The other day israeli army units destroytaklore at the Al-Najah Na-West Bank of the Jordan Ri-

ATOMIC BOMB CONTINUES TO KILL

Tokyo. The names of another 1217 persons have been added to the official list of those killed the American atomic bonds whom exploded over Nagasaki 1: August 1945.

Allogether there are 64,186 same deaths have been officiala certated while names of do out of thousands of other vicintof the bomb still remain

FACTS and EVENTS

rediate referendum on Spein's rel up in Madrid on the Initia ite of a group of prominent shillcless and public figures.

© the US loreign trade deficit for lune 1984 was 8,900 million islan, according to the US
Department of Commerce. The
trial deficit for the first half of 136 is 60,000 million dollars Ceparlment experts believe that es delicit for the current financal year will be in the region of 133,600 million dollars, exceed "I led year's ligure by almost

A colony of mollusks from the genus of mouthuses has been O The Ministry of Education of Finland has allocated 250 fulland markkaa for the promodiscovered off the shores of Papua-New Guinea at a depth of 300 metres. Until now they had liven considered extinct for some 570 million years. These molhisks were named nautiluses in 1786 when scientists got their

held here.

reach effics.

State of the promotes of passe and detente.

O A communique issued on the results of a visit paid to the people's Republic of Kampuchea by a French parliamentary delegits notes that French MPs with highly the succession. in on notes that French MPs rich highly the successes scored by kimpuches in the restoration if its nailonal economy and culture during the years following the deposition of the criminal 121 Pol regime.

O liden, the progressive Dational in misive 15-years additional terms of the criminal policy. PAN-AFRICAN NEWS AGENCY: GROWING MORE ACTIVE

Dakar. Maximum popularizing latest scientific and technologii missive 15-volume edition of cal achievements - this is one of the most important tasks, that has been set before the Pan-African News Agency (PANA) and the African counland's selected works.

PEOPLE

After much procrastination

A Nevada State Court

It resumed an investiga
Chibone lound guilty of links

The criminal world, bribery,

The eventon As found of the lar evasion. As found at the it for teveral years he took tige bribes from the accuse Picked 100,000 dollars,

Surface 100,000 dollars,
Sufficiency is not all that
Suried for his fate even have
a lound himself in the dock.
It his in April was incontive as the court took no crele decision and an addicrete decision and an additional inquiry was ordered into the case of the case

Sauna museum.

and drought-control.

A Finnish sauna museum has been sel up in Finland. Various over an area of about ten

Shaping a classroom

like a trapeze Vitorjoux is of the opinion that the traditional classroom shape of the classical rectangle is not altogether obligatory. He has

made an attempt to substantiate the idea in his new designs. One of his schools has all the classrooms and halls in the shape of a trapeze. The teacher's desk is placed in the wider part and there's very little space for

Unusual hobby

The world's biggest collection of miniature trains belongs to Antonio Collucal, from Italy. He began collecting at the age of 8 and today, ofter 60 years, has The French grahilect Leopold than 10,000 model steam and diesel locomotives, passenger and Pullman cars, and goods trucks. The most valuable exhibil is a small train made in 1869.

FROM the SOVIET PRESS

'WASHINGTON'S DANGEROUS ILLUSIONS'

"Washington's dangerous filusions" is the headline of an article about USA, published in PRAVDA.

By designing long-range cruise missiles, writes the newspaper, Washington would like to create a new threat to the security of the Soviet Union and other states, to have in its arsenal on additional weapon to deliver the first nuclear

But the US administration, continues the newspaper, has grossly miscalculated: its plans of getting the upper hand over the Soviet Union, including superiority in long-tange cruise missiles, are not only dangerous, but also illusory.

According to the article in "Pravda", since the USA did not want as it had been repeatedly suggested by the USSR, to

give up this new type of weapon, long-range cruise missiles are already being tested in the USSR, too. As for the "azymuths" along which the Pentagon plans to knunch the weupons, the American strategists should not think that they exist only with relation to the USSR. In the east and west, in the north and south there are enough azymuths leading to the territory of the USA.

WHO IS AGAINST MIDDLE EAST SETTLEMENT?

In making its proposals for settling the Arab-istacli crisis the Soviet Union is guided by a desire for a just and durable peace in the Middle East and elimination of the volatile situation there, writes IZVESTIA. It is a fact that at the present moment most of the parties to the conflict agree with the principles and approach to the solution of the problem outlined in the Soviet document, as do those involved in it indirectly. This is confirmed, too, by the decisions of the Pez pun Arab summit and recent consultations held by UN Secretary-General J. Perez de Cuellar on a possible international conference on the Middle East.

The only countries opposed to that are the USA and Israel -the that hoping to lish in muddy waters and the accord owning to its zionist umbitions and clearly contrary to the basic interests of its people, the newspaper points out.

ISLAMABAD'S MILITARY AMBITIONS

The Pentagon is building military bases in Pokistan to de ploy cruiso and Pershing-2 missiles, writes KRASNAYA ZVEZDA citing a number of loreign sources. Political observers note that this will allow the USA to have for its firing sights a huge area from Southern India to the Perstan Guil. By making its stake on Islamubud, Washington proceeds from this regime's hostile attitude towards some neighbouring countries. It has been doing its atmost familing out islama-bad's militarist ambitions. Out of the 3,200 million dollars of the American aid a considerable part is spent to buy latest

Islamabad's militarist ambittons tie Pakistan ever closer to the heyemonistic, and aggressive line of the US administration. But the development of the internal political situation in that country shows that the role of a vehicle of this line that is being thrusted upon it by the United States does not meet the national interests of the Pakislan people, Mass actions continue to take place in Pukistan, demanding, among other things, a principled implementation of the policy of non-alignment, and cooperation with all states.

ROBOTS VS MAN

Assessing the ellects of the introduction of robotics in the West, EKONOMICHESKAYA GAZETA points out that aiready now robots may replace nearly three-lourits of the workers in the US manufacturing industry, specifically in auto-making, which is the biggest user of robots, 20 per cent of workers would be replaced in assembly work there by 1985, and by 1990 the production and wide introduction of sensor robots will make it possible to completely replace assembly workers in the industry. The introduction of microelectronic technology in West Germany in the 80s will take electronic technology in West Germany in the 80s will take jobs away from some 2,000,000 people, at the current 2,000,000

The current stage of the automation of production, which enables practically a complete replacement of man in most processes and arduous jobs, leads to further mass unemployment and merciless exploitation of the "luckles" still survivence. ing on the job in the West, the newspaper points out. The phasing in of robots gives capital a new source of extra pro-lit and an effective tool of pressure against the working class and the trade unions.

the social-economic development OF INTEREST

tries' mass media. This is the

conclusion arrived at by the in-

ternational seminar on problems of scientific and technological

nformation in Africa that was

In the conclusive document

the representatives of 20 African

states and of some international

organizations stressed the need

of a wider use of PANA's infor-

A bit about popularity

The aim of a recent public opinion poll conducted in West Germany was to reveal the degree of popularity enjoyed by 28 different professions and occupations. Doctors came in first place, followed by vels, law-yers and teachers, Within the lirsi ten were diso housewives, then crimo squad employees. Professional politicians and deputies of the Bundesidg placed 14th, The most unpopular prolessions were real estata dealers, private detectives, officials of

linancial departments and linaily... professional football players.

models of sound belonging to different periods, the oldest dating back to 1764, are displayed

backbenchers.

STOLEN TREASURES

RETURNED TO MUSEUM

Kabul. Afghanistan's security men have come across a cache in a private flat in Kabul, containing numerous objects of historical value ready to be snug-gled abroad. Among the items found were encient sculpture, cuneiform tablets, Damescus blades, jewelry and ancient arms. 1 200

It was established that part of the above valuables had been stolen from the Kabul National Museum some four years ago during a lire caused by counters revolutionary action. All the items have now been returned to the mureum and will soon be back on view. والمحصوصة ..

limited to crude pressure alone. ideological subversion and psychological warlare against the peoples of socialist countries secomo ils Trojan Horse. On the orders of the State Department and sometimes even direct instructions from the president and his office, the American mass media tried to convince the Soviet people of imagined "imper-tection and instability" of the socialist aconomic system, if is follow the sanctions policy and noteworthy that those years co-

capitalist system. Washington attempted to pass over its economic woes to other nations. Then in a main attempt to push the USSR into the corner In the struggle of the two world systems, the White House resorted to another series of socalled sanctions.

POWER POLITICS

And what was the outcome? The sanctions did, on the contrary, help the Soviet Union, As the English proverb goes "The worst men often give the best advice".

The sanctions affected The sanctions affected gas compressor stations which the USSR had planned to import but the Soviet Union mastered their production in no time. Soviet engineers are now experienced in this field too. The losers were the American companies who had signed million-dollarworth contracts with Soviet foreign trade organizations. Besides, the Americans annoyed their Western pariners. West European branches of

. . .

flowed from Western Siberla to

Vitaly MAYIN

American companies would not

BOOMERANGING

Western Europe along the ex-port gas pipeline. US propaganda was unable to prove either to Americans or to anyone else that the Soviet aconomy can be disorganized through the arms race. The ex-PON 925 DIDAIINA IS NOT the a case in point. The Balkal-Amur Rallway and other economic pro-

jects will be put into operation ahead of schedule. In 1983 the Soviet Union's industrial production growth was 1.3 times higher than in the two previous years. Productivity went up by 3.5 per cent in the same year.

On the whole, the average aconomic growth rates in the countries of the Council for Mufuel Economic Assistance were

twice as high during the past decade than economic growth in the developed capitalist counfries. Today's hobby horse of the American propaganda is a somewhat livening up of the economic activity in the USA, This is an obvious lact which is not disputed in the USSR, but so also is the fact of the cyclic phenomena under capitalisms a

new recession will negate the upward trend of economic activity. So those who have received the long awaited job today cannot be sure of tomor-The fallure of the American

propaganda attempts to ascribe weakness to the socialist economic system is supplemented with another strategic mistortune. The expected increase in the number of people in the West who are made to believe in the false allegation of Soviet aggressiveness did not materialize, though this is a routine topic of various radio stations, news-

papers and magazines in the The majority of West Europeans do not believe in the myth of Soviet military threat. This is why the Dutch, Belgians and Danes do not give their final approval to the deployment of cruise missiles on their territories, while Greeks, Italians, and West Germans become ever more resolute in their demand for dismantlement of US military

The bellicose rhetoric of Reagan and his team has become considerably milder and the need for talks with Moscow is cited now in Washington. The aim of the current US anti-Soviet propaganda is to make Americans, threatened by the present idministration's warlike posture, vole the Republicans into office for a second term. It is just one more ideological subversion -patriots this time. Lies have long become a multipurpose wespons for Washington.

> MN INFORMATION No. 44 III HINFORMÁTION No. 69, 1984

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Soviet

and Indian

vouth in

the drive

for peace

indian youth think more of

Soviet peace initiatives, and ac-

prevention of a thermomyclean

war and support the idea of bolding the 12th World Festival

of Youth and Students in Mos-

row in 1985, according to a

communique issued after a visit

to the USSR by an Indian youth

delegation made up of respresen-

latives of ten leading youth and

The delegation attended the

entribution of Soviet and In-

dan youth to the strengthening

the drive for peace and against

in an interview with the press

D. Raia, vice-president of the

All-India Youth Federation, said

that the delogation was very im-

pressed by preparations made so

ar by Soviet youth towards the

and Students. He said the dele-

gallon made a humble contribu-

hon to this course by picking

ipples on a stateform. He said:

the Indian National Preparatory

Committee was selling up cont-

ulliers in various states to pre-

rare for the forthcoming festi-

Contributing to the Interview 8. Chennikhata, president of the National Students Union of In-

da, said that he was glad that

be semipar was fruitful and that

they could discuss vital problem:

Protection

and development of Suvict-In-dea friendship and cooperation

Soviet-Indian seminar on "The

Round the Soviet Union

A POWERFUL ORE-CAR-RYING SHIP NAMED AFTER HI-KOLAI KUZNETSOV — A LE-GENDARY WORLD WAR II HERO, HAS BEEN LAUNCHED AT THE "OKEAN" SHIPYARDS IN NIKOLAYEV. The 50.000-tonne "Nikolal Kuznetsov" is the lourth ship in the new series.

STUDENTS AND PROFES-SORS OF THE KHABAROVSK INSTITUTE OF CULTURE RE-TURNED FROM THEIR EXPEDI-TION WITH RECORDINGS OF LOCAL FOLKLORE OF THE SO-VIET FAR EAST, They studied the ethnic Olcha and Nivkh culture, including the Olcha Giva ensemble that performs folk melodies on a one-siring birch-bark violin called sirpaika. It was rebuilt by the ansomble's leader Ivan Rosughu on the basis of stories told by the elderly. It has been restored after old poople's stories. The expedition matorial will be used for tutorials at the institute.

Bioenergetics for agriculture

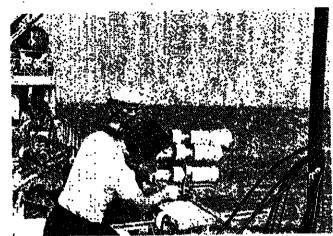
Production of the fuel gas methane, has begun at a blo-energetic plant in the latvian "Ogre" dairy farm. So far the farin is the first in the country to build such a plant.

The plant produces 280 cubic metres of methane delly. It can used for preparing fookler for heating, it can also be used in internal combustion engines. in addition to methane it produces carbon dioxide for boosting up growth and productivity hothouse plants.

Besides, there are several bioenergetic by-products, such as methane-forming bacteria that are rich in proteins and vitamins. Finally, organic by-products turn out to be excellent fertilizer and manure, rich in nitrogen and phosphorus. Unitzation of manura resolves the environmental protection prob-

There is a blueprint for a more powerful installation for production of a 2,400 cubic metres of fuel gas daily.

WATCHFUL EYE FOR THE SEA



Ores in Kazakhstan

Fish, storks and hydroelectric station

here is on board the "Svetlomor" ship used in evaluating the thickness of oil slicks. The "Syetlomor" is a multipurpose floating complex for

Goologists have confirmed

their previous estimates con-cerning the development of fer-

rous and non-ferrous metallurgy

and chemistry in Kazakhsian, a

republic lying in the Soviet East.

Earth, geologists have "spotted"

three belts of polymetalitic ores.
Hildden at considerable depths,

they had defied ordinary moth-

ods of prospection.
In one of the belts, Uspensky

Although the hydroelectric

chain on the Sulak River in

Daghestan, Northern Caucasus,

has been increasing its power,

the fish feel at ease here, get-ting used to the manmade

Some spawning grounds have been also arranged in the reser-voirs of the Krasnoyarsk,

Sayano-Shushenskaya and Zeya

hydroes in Siberia and Far East.

spawning grounds and pools,

'X-raying" the bowels of the

The prospects are line.

oil sitcks in the high seas. It can approach a lanker in distress and take up all the leaking oil. Its tanks are enough to store eight thousand cubic metres of oil. Should it be

(Central Kazakhston), a new

production centre is already be

ing built, complete with residen-

tial quarters and a big agglome-

ration plant. Metallurgical pro-

duction capacities are being de-

signed. A second section of the

1,000 km long canal which ex-

tends from Karaganda to Dzhez-

kazgan will bring water from the

being constructed in other me-

The ecologists take account of not only the fish problems. The design had to be altered by

them when Red Data Book storks

were discovered on the Buroya

River. After the dam is con-structed, its flood valley will be

dried for farmland. But the

marshy microclimate will be pre-

served for the storks with the

Similar industrial centres are

lrtvsh River.

shipwreck, it will attempt to collect the oil slicks on the surface sweeping oil into its storage tanks with special devices. The ship does not wait till a tanker produces a leakage in the sea. It is used to clean the tanks o all oil ships coming to the por of Hylchevsk uear Odessa.

Practically all major ports in the Soviet Union are equipped with the necessary facilities to lighting oil pollution and the cleaning of oil tanks.

All Soviet ships are provided with separators for cleaning their liquid wastes. Special float ing garbage collectors are used collecting politited water and rarbage to the shores. A speci al fleet of small ships has been set up to service occangoing giants and to collect all garbage and polluted liquids from them working like a vacuum clea

Gas in Georgian

villages and towns

District of Georgia is now com-

plete and gas is being led into

towns and villages around the

town of Vani. The people of this

mountainous region now have

running hot water and con-

It was not easy to take gas to

high. The pipelines were exten-ded across valleys, woods and

In the course of the past 25

years gas supplies in Georgia have developed into a powerful

industry that constitutes 46 per

cent of available fuel. New

trunk gas pipelines are being built. With their completion gas

will be fed into homes, industrial

enterprises and farms, and the

air along the Black Sea coast of

the Caucasus will become even

Gasification work in the Vani-

mountain

electroengineering plant in mur-Ata, in Central Asia. Each Installation distils 6 his metros of water tax (Iver) within one hour. This Helency is three times as a on that of the previous intions. One installation is viried by only one person

Giant

A new tanker the Mark Chulkov", having Noverogen as a home port, has left for

manden voyage. This gar which is 242.8-metre long a

32.2-metro wide, is capable of carrying 68,000 tonnes at a speci

of 15 knots. It has been built

Despito Its Imposing size, ii

very manocuvrable to easily a

through narrow canals, its at

advantage, however, is that r

A water

conveyor

The littler and salted

of the Aral Sea can be r.

ditakable by the distillation

stallations which are built by

environmentally safe.

the Kerch shipyards.

The new installations rate extensive application in t lying in and zones. They also be included in the supply system of Kazakh

The riva ot tuta

This is travertin. Big dep of this limestone have found in Armenia, in Tracia casia. Travertin has been a as the republic's basic built material.

Travertin looks like marble. It is mined without ficulty and is easy to pro-

An industrial plant h ready been put in open which will annually pol 200,000 sq motres of facings first consignments have alle-heen shipped to metro k.

In winter bats hide in old diffunct far from Penjakent and Isagan (two towns in the Soviet Central Asian Republic d Tsjikistan), where the continuous for ny's first natural reserve for bals has been organized.

These animals are not very these animals are not very these animals are not very these is biassed, despite the fact that throughout their history bey have done nothing wrong; ca he contrary, bats have provid to be indisputably useful face they destroy masses of biodsucking and harmful insecting the province is the province of the province in the pr Petseculed" and their homes have been steadiastly destroyed. Out of 18 varieties of bats that late lived in the republic helf late been included in the Red bul Book of disappearing flora to sum of the reto of Uzbekistan and Turktokia the traditional shelters for sintering of the bals have been wally destroyed.

In the new natural reserve re-ward will be conducted to de-tinging the role of these and-ada in the biocenosis of the gren natural region since there green natural region since there are no trilles in nature.

to killes in nature.

The control of the control of

RETRO

An unusual motorcade is currently moving along Soviet roads in the Paris-Moscow-Paris rally sponsored by the Dutch club Traction-Avant. The event in-volves 121 old Citroens built beween 1935 and 1957.

One of the club's activists Will de Hek told the press at the intermediary finish in Moscov that fifty years ago, a French driver Francois Lecot drove from Paris to Moscow and back in a newly built Citroën model and so owners of old Citroëns decided to mark 50 years of Lecot's

He said that the initial idea was to involve four cars in the taking along their wives and rally but more French, West Ger-children.



man, British, Swiss and Italian matorists volunteered. There are motorists from other countries as well; altogether the rally involves 350 volunteers, many of them

Will de Hek stated that they were all vary happy about the journey and the hospitality of the Soviet people. Despita the fact that the route is rather long for the old cars, they all reached

Science and technology

SOVIET AND U.S. ICHTHYOLOGISTS COOPERATE

Soviet and American scientists are carrying out joint re-search in the north-western Pacific under an international programme. The purpose is to pre-serve Pacific salmons and work out a scientifically based catch policy. Scientisis use a special purse some to preserve the vi-tainty of the study of the specimens. They are next placed into a special reservoir with see water, measured, and tag-

After hatching in sweet-water basins, the fry of various ages swim down to the ocean. Calico and humpback move at the age of one, while other varieties stay in sweet water for as long as three years. The instinct of coming back to the native reservoir is conditioned by the formation of local schools and the choice of ocean areas for fattening. Hence the particular importance of information about each school's habitat and migratory routes, Tagging helps to

This type of operation, being

solve the problem.

Jananese and Canadian researchers, is growing in scale. Data on the caught lagged fish go to the Pacific institute of lisheries and oceanography Vladivostok, USSR, as well to the other three countries.

SCIENTISTS DISCOYER HOW MUMIYO IS FORMED

Soviet scientists continue to explore the properties of muniyo (from Persian "mum" for wax), an extremely rare natural balsam. Recently scientists in Kirghizia, a republic in Soviet Central Asia, have found out how mumlyo is formed. Work is now under way to obtain the anbatance in laboratory condi-

After many years of research it has been established that mumiyo is a powerful biostimul ator which intensifies the biological functions of a living organi-

We have come to the conclusion, says Arstanbek Altymyshey. Corresponding Member of the Kirghiz Academy of Sciences, that mumiyo is an organic matter, a product of herbivorous animals' metabolism. Rarefled air, sharp temperature rises and falls, intensive solar radiation and low humidity of soil con-

OPEN-AIR MUSEUMS

siderably lower the activity tulcroorganisms which lead to the breakdown of organic remains, in time the biomass becomes munimified and polymetized and increases its physiological activity. We have discovered the autual that takes part in the "production" at this natural balsam, it is a rodent, the mountain silver vole. One such enges) produces up to 1.5 gran-mes of muniyo a day.

To test the validity of our conclusions we carried out a laboratory experiment. Plants that w in areas where mumiyo has been found, were included in the voles' diet. We finally succeeded in obtaining a dark glistening substance which on analysis was found to possess the same properties and pharmecological effects as natural

Medical experts have estab-lished, the Academician added, that for treatment of one open femur 7.5 g of mumiyo are needed. This means that a single mountain vols can . produce enough mumiyo to cure hund-

Of course, the scientists said in conclusion, our explanation of the origins of mumiyo is much more prosaic than the numerou legends that have surrounded the issue up to now. But It is scientifically grounded.

VIEWPOINT

DEVELOPMENTS FOR RAILWAYS

Alexel DAROV

 "Project of the contary". the Baikal-Amur Main (BAM) Railway whose basic track is 3,509 km long will be completed one year before the schedule and will be opened for traffic by Vovember 7, 1984...

The Moscow-Leningrad railway (050 km) is the world's only instance of successful runalug three pairs of passenger expresses (100-200 km/h) along with a beary cargo traffic.

 The Soviet railwaymen have been the first in the world to drive a corgo supertrain weighing over 30 thous

and tomes... The above reports from the Soviet press show the new (hings that have appeared t

Soviel railway transport attention to the de Special velopment of this transport is tradition with this countr with this country Civen the total length of 143 thousand kilometres account ing for unity 11 per cent of the world's raliways it handle 53 per cent of the world cargo and 25 per cent of the passen ger transportation in the worl The USSR leads the world I the level of electrification of th rallway network as well. Catgo car's productivity, its average daily run over the Soviet railways is almost three limes high as in the USA and 4 to (times higher than to a numbe of European countries. But this is still insufficient for the preseat-day Soviet economy. accelerated and intensive deelopment, particularly to the eastern regions of the country provides the chief insentive for urther improvement and development of the railway tran-sport. Efficiency is another important factor in favour of this: energy consumption for delivering cargoes by rall is 10 to 15 limes lower than by sutomo bile, and 100 to 120 times lower than by air for passenger car-

rlages... While in the 11th Five-Year Plan period (1981-85) the total capital investment growth into economy is to per cont, railways' figure is over 30 per cent. Basic directions in the development of rallway transport are represented by improving haulage management, mechani-zation and automation, trains weights and greater speed electrification of raliwaya introduction oweriul

New rallways are also buil of course, For 1984 it is planned to put into operation over 360 km of new railways, Besides the major BAM project, Siberia builds the Surgut-Urengol-Yagel-noye line of 650 km and the Anzherskoya-Barzas main line. Several major railways are be-ing built in the Transcaucasia and in other regions of this

About 5.5 thousand kilome tres of railways will be electri-fied in 1981-85. The percentage of electric traciton will grow by the and of 1985 to 60 per cent from the present 32,6 per cent. About 13 thousand kilometres of railways will be ula and centralized dispatcher services. services. The most important factor in

raising the labour productivity is found bowever in a greater average weight of each train. The prospects are that about 60 per cent of the baulage growth will be effected through increasing the trains weight the remaining 40 per cent to be achieved through more intensive. sive traffic.

FROM the SOVIET PRESS

MAGNETOHYDRODYNAMICS FOR POWER OF TOMORROW

At the present time a great part of the world's energy is generated by thermal plants burning organic fuels. writes the magazine SCIENCE IN USSR. At the same time, the ciliciency even of the most advanced thermal power stations does not go beyond 40 per cent. The rest of the energy, almost two-thirds of it, is let out into the onment as heat. In this way, fuel resources are not only being depleted but the atmosphere also becomes poliuled. According the magazine, increasing the elliciency of power plants by only one per cent would save three million tonnes of fuel annually, hence the inlerest researchers take in looking for new energy sources. One promising way is direct conversion of into electricity using the magnetohydrodynamic principle (MHD). Soviet engineers have been involved in MIID energy production since the 1900s. The world's first pilot installation, the U-25, with an MIID generator is now in operation, and construction of the world's fust commercial MIID power unit for the Ryazan thermal power station (500 magawatts) has began, Such stations will save 20-25 per cent of fuel, as against the conventional types, writes the magazine. The construction of the first power unit will be completed in the second half of the 1980s, after which similar power units of 1,000 megawatts will be put into operation, making rational use of the tremendous coul deposits in the country, Soviet power engineers also plan to build coal-lired MHD plants. According to the magazine, the lirst of such projects using Kuznetsk and Kansk-Achinsk coal would probably go into operation in the carly

CRANES OVER OLD CITY AREAS

help of small dams.

IZVESTIA writes about a new crane specially designed for face-litting operations in Leningrad.

ossembly operations.

the Exhibition of Economic Achievements of the USSR. There are over 30 such crunes in Leningrad currently in operation, which have already saved half a million

WHAT MAKES A FILM 'LIVE'

Statistics notes a certain drop in the number of einemagocis. One reason may be the depletion of the films' emotional impact, writes in SOVIETSKAYA KULTURA the well-known Soviet producer Yevgeny

Capturing the soul, introducing into the viewer's bload the bacteria of art. Without this "disease" everything rests breathless. Is it not strange that we, so parlicular in our evaluation of the script of its various slages, think so little of its impact on the emotional

Central Leningrad is a huge complex of architectura nonument. Many buildings have naturally become old

but ordinary construction cranes cannol be easily and safely installed. This is why the Leningrad mechanical engineering plant has designed a special crane for re-storation of buildings. Its boum is ten motres longer, its lilling capacity two tonnes larger, and the assembly yard twice as small because the crane performs its own

The KBR-1 crane has been awarded a gold medal of

Many films are set out on the screen in a list, lengthy, cold, and, I would say, detached manner. It is a flat iteld, with no chances either of climbing or of tumbling. But not only the cinema maker but the viewer too should climb and tumble. Otherwise he will be placid, polite and impassive, so all the cliorts of the script-writer, the producer and the cast become fulle.

Educating the viewer Yes. Suggesting to him the real social and moral notions? Of course, But not 7.5 245

through drilled examples of vices and virtues Educa tion by art becomes possible only when hearls are east

tionally moved and won over. We need truthfulness. Reality of conflict, plot and the heroes. Truthfulness of a film maker's tone, I would say, confidentially, heartiness. So that the viewer should look back at himself from the screen, should experience all that he views as something that belong to him, something that is dear to him and burning Even when the film's plot is separated from him, pos sibly by ages.

SECRETS OF FOLK MEDICINE

Folk medicine makes extensive use of the properties paris of the world? The onswer has been provided through research conducted by Soviet scientists. Have ing selected about one thousand varieties of flora in the Soviet Far East, they processed on computer information on their use in various countries, writes the NAU-KA I ZHIZN (Science and Life) magazine.

It turned out to be that plants possessing tonic, bile expelling and antipyretic properties are widely used in indian herbul medicine. American Indians prefer planti with sudoritic and purguitve properties while master of folk medicine in Siberian and West European villages would rather use wound healing plants. Geograficages would rather use wound healing plants. inges would rather use wound-healing plants, Geographical proximity does not always account for similarity in plant healths. In plant healing methods. In this sense taraway Tibel has turned out to be much closer to the Buropean pail of the Tipen. of the USSR than neighbouring Western Burge.

of the USSR than neighbouring Western Burope,

's Computer has provided the bolanists and doctors with

another type of useful information too, confirms
magazine. They have established which diseases
various peoples prefer to treat with herbal medicine.

Experiences, accumulated over the thousands of years
by other peoples can now be used by Soviet scientisis
to enrich Soviet pharmacics with new efficient natural
drugs.





Urbanization fast changes the environment, the look of cities and villages. The desire to preserve for posterity tokens of life of former generations has necessitated open-air museums of unique wooden architecture,

Anatoly Mikhallov's drawings show windmills of several museums, Left to rights

A museum of folk Architecture in Lvov. An early 20th-century windmill in the village of Shirevtry [Lvov Region].

A windmill in Mikhallovskoye [Pskov Region]. A 19th-century windmill in the Kizhi architectural preserve.

- AN INFORMATION NO. SO. 1911

MH INFORMATION No. 60, 1984

Theatre, Cinema and TV Stars

her own audience while still a student. Her per-termance as Beatrice in the Lunacharsky Instilute of Dramatic Art graduation production of "Much Ado About Nothing" was much praised by both critics and theatre lovers. Her total lack of inhibitions on the stage, extremely organic

acting, and sense of iun were siriking.

Having caught the eye of professionals, Dogileva received two, equally flattering invitations.
She was invited to join the Gorky Theatre in Leningrad, led by Georgi Tovslonogov, and the Moscow Lenin Komsomol Theatre led by Mark Zakharov, a great favourile with young

Dogileva chose the Moscow thesire, and this was evidently the right choice because her modern slyle of acting is best suited to the

"young" company.

People started flocking to the Lenin Komsomol Theatre to see the productions in which she took part. She is very good as Nelka, for instance, in Arbuzov's "Cruel Games". Nelka, a teenager from the provinces, finding herself in Moscow and diving headlong into adult life as into a whirt-pool comes up against some rather seamy sides of reality. Nelka, as played by Dogileva, was vulgar at the same time as being touching, somewhat crude but stucere. Above all - she was absolutely authentic. The actress manages to reproduce on stage a very typical social type which she had studied carefully in life.

Site received a lot of invitations from television, and played several interesting roles there. Whereas her debut in the theatre was linmediately successful, in the cinema it took her about live years to achieve public recognition. She took part in nearly ten films, and coped with her roles quite well, but what she needed was a part in which she could take off.



The breakthrough came when she was given the role of Jeanne in the comedy, "Quite Unex-pectedly". Jeanne, a clerk at a savings bank receives an enormous heritage out of the blue and becomes fabulously rich overnight... For those who had not seen Doglieva's Beatrice, this role marks the discovery of a wonderful comedy

But an even greater success awaited Tanya in her next comedy role in the film, "The Blonde Round the Corner", in which she was able to display her forter amazing precision in charac-terization, an absolute uninhibited stage presence, a sense of humour, great charm and liveliness.

Tatyana SAVITSKAYA

leries. He thinks that "the fre-

edom of work that has been guaranteed by the Constitution of the USSR provides a powerful

He heads a workshop of

monumental painting at the Lat-vian Academy of Fine Arts.

"Right from the start we en-

courage a student to speak his

own language, to develop a slyle of his own in art," Zarins says.

"Our aim in working with gifted

young people is to get them to

combine individuality with a high level of artistic skill."

ON SHAKESPEARE

MEET IN MOSCOW

A recent all-Union confer-

ence of experts on Shakespeare

in Moscow brought together art critics, university lecturers, art-

istic directors, actors and admir-

ers of the great writer's works

from many parts of the USSR. The great English writer is highly respected and loved in the

Soviet Union, probably just as

In his home country, said Profes-

sor Alexander Anikst, a promi-

sion of the USSR Academy of

Prof Anikst is the author of

several works on Shakespeare

which are popular the world over. "Shakespeare and His

Works", "Thealro in the Shake-

spearean Era" are two of his

Professor Anikst said at the con-

ference that in the Soviet Union

Shakespeare's works had been

ublished 411 times in various

Soviet languages and in a total

It is difficult, by the way, to

find a single theatre in the So-

viet Union without Shakespeare's

comedies or tragedies in its re-

Many scholars in various So-

viet republics study Shakespea-

re. His most important works are

published regularly in a bulletin called "Shakespearean Read-

"是一点"的"人"。

edition of 13 million copies.

best known works.

nent Soviet literary scholar who

EXPERTS

Sciences.

ings".

SOVIET PORTRAIT FOR UFFIZI GALLERY

The Uffizi Callery in Florence has commissioned a self-portrait from the well-known Latvian painter Indulis Zarins to add to its collection of self-portraits by famous artists of the world. The work is done in Zerins' usual style of mixed genres: he has depicted himself against a picturesque background incorporating both the Latvian and Venetian laudscape plus a still

For the past three decades the artist, who lives in Riga and is now 55 years old, has aroused admiration by his expressive an. I paint what is near and dear to nie, what stirs my imagination as an artist, a citizen of my country, and as the father of two boys, Zarins says. A People's Artist of Soviet Laivia, and a Lenin Prize winner, Zarins' pa-inlings have been purchased by many Soviet and foreign gal-

'NIGHT SERENADES

Tunes from Mozart's 'Small Screnade" are the signature tune of the fostival of chamber music currently in progress in the Soviet Transcaucasian Republic of Georgia.

For a fortnight music by

classics. Soviet and contempo rary foreign composers will be erected in the 10th century and now serving as a concert hall.

A CHAIN

Prominent conductors and musicians from Moscow, Vilnius, Tbilisi and other cities are taking part in the festival, termed "Night Serenades". It is part of a general Georgia art festival which includes "Peoples' Friendship" concerts, compelitions, programmes consisting of "Melodies From Soviet Transcaucasia" and "Evenings of Soviet Music".

The exhibition: "Our Contemporary" is taking place in the Central Arists Club; it features 400 paintings, drawings and sculpture made over the past three years by about 200 young Soviet and Czecko-

 P. Schule (Czechoslovakia), "A Girl With a Dove".

N. Testina (USSR), "Student Girls",



FOREIGN PARTNERS OF LENFILM

Two feature films made by Soviet and Mexican directors will be released simultaneously in Russian and Spanish languages. The Mexican directors Lentilm Sindios' new part-

Many films have already been shot in Leningrad with Bulgarian, Hungarian, GDR, Norwegian, Figuish, French, and Czechoslovak partners.

One of the new films is a real slory of how Soviet scholars succeeded in deciphering Azlec writings. This film, which shows the cooperation of scientists of both countries, will be called "A Report From Yucatan", and will be made by famous director ilya Averbach who recently vis-Red Mexico. The other film. "Hope", will deal with the most significant events of the 20th

A POLISH PLAY IN GEORGIA

Famous Polish artistic director B. Hussakowski has been invited to the Georgian capital of Thills to stage a play "The File" written by his compatriot T. Rozewicz, at the Maruzhaulshvill Theatre.

Acknowledging the invitation, Hussakowski said that he was very pleased to be able to work together with Georgian collection gues. He said the company was excellent and that the talent each actor was subordinated the common artistic objective According to the artistic disc tor, this was particularly in portant when staging a difficu play about the problems of young contemporaries.

V. Aksyonov, Lenfilm Direc

tor, has expressed the hope that competation with Mexico would

ho a success. He also said that

taiks were under way on the

production of a joint TV him

with Polyphon of West Cer-many and that there were also

plans to shoot a political (de-

that the author of the novel -

Peter Ustinov, a famous English

writer, actor and film direct

wrote the screenplay and wood also be its co-director, V. At-

syonov said that Lenlilm So

thos were providing technical

assistance to a USA film group

working on a serial devoted i

Peter the Great, adding that film companies in the CDR, Italy, at

the USA also provided techni-cal assistance Lentilm needed in

making new films in those cou

outitled "Krumnagel". He stated

GORKY COMPANY'S PREMIERES

WHAT'S ON!

August 4-6

The Corky Opera and Ballet Theatre has come for a season to Moscow with two new operary written by Soviet composers and one now ballet. All are based on Pushkin whose name was given to the theatre in 1937 during the celebrations of the

A scene from the opera "Porgy and Bess" by G. Gershwin.

__THEATRES___

Operetta Theatre. Guest per-

formances of the Pushkin Opera and Ballet Theatre from Gorky.

4 — Kasyanov, "Poma Cor-deyev" (opera). 5 (mat) — Kik-

ta, "Dubrovsky" (ballet); 5 (eve)

Offenbach, "Duke Bluebeard"

Moscow Chamber Musical

Theatre (71 Leningradsky Pros-

pekt). 4, 5 - Telemann, "Pim-

pione". Rossini, "La cambriale

Moscow Miniatures Theatre.

Hermitage Gardens (3 Karelny

Ryad). 4 - "The Chronicle of

Widely Broadcasted Death". 5-

Belai, "The Line". 6 — Chapec,

"The Big Cat Fairy Tale".
Satire Theatre (18 Bolshaya
Sadovaya St). 5 — Alyoshin,
"The 18th Camel". 6 — Ostrov-

__ FILMS

I Married a Shadow (France). Posing herself off as au-

other woman, the heroine

eventually becomes helress

sky, "Easy Money".

to a rich estate,

(opera-buffo).

di matrimonio".

poor's death centenary. The or: act operas (composer A. Nik) layev) are: "Count Noulia" (o mic) and "A Feast During In gue" (tragic).

Russian composer E Napus nik wrote the music to Pushkat "Dubrovsky" a hundred yet ago, flow this story has betold by the Gorky company hallet adioms timusic by Sone composer V. Kikla).

The company's reperiore cludes classics: Verd's "Adi-Adam's "Giselle" and Tchaile. sky's 'The Nuteracker'. The company will also pre-Ci. Ciershwin's "Porgy and Best

Cinema: "Zaryadye" (I Mot voretskaya Embankment), Mell

Ploshchad Nogina.

A Blonde Round the Core

A satirical comedy sent

up contemporary aspect

(47/24 Tsezarya Kunikova

Metro Kurskaya, "(Kasu) Metro Kurskaya, "(Kasu) Presnya" (5 Manluliaskaya Si Metro Ulitsa 1905 Goda.

_EXHIBITIONS _

Central Artists Club (10)11
Krymskaya Embankmenti.

contemporary", an exhibition works by Soviet and Czechot yak article Conditions of a second

vak artista. On display at vak artista. On display at 400 paintings and drawings at 400 paintings and celed at contests held in Michael and Bratistal cow, Prague and Bratistal Cow, Prague and Bratistal Cow, Prague and Monday, 11 am Daily, except Monday, 11 am Oktybuses 8 Oktybuses 8 Oktybuses 100.

Oktyabrskaya,
and 10.

Pushkin Museum of Fine Ad
Pushkin Museum of Pushing
(12 Volkhonka SI): "Pushing
to Volkhonka SI): "Pushing
to Volkhonka SI): "Pushing
tion 14th-18th-century of
to 90 cat
ists": an exhibition the color
vases drawn from the color
tions of 30 Soviet museum
tions of 30 Soviet museum

MN INFORMATION No. 44 (1)

vak artista. On display are

(Lenfilm Studios).

markets but also in increasing suports from the USSR.

The Bank finances exports to which is very popular in the Scivict Union, and Offentach opera-hulfo, "Duko Bluebead ite Soviet Union al rolled ferious metal, machines and equiptent, chemicals, footwear leathwhich is rarely performed.
The company will give formunes at the Moscow O et and foodstuffs. Simultaneousy it takes part in deals involvof Soviet imports to Spain of Soviet rella Theatre until August 21 Yuri ZARANEN and oil products, timber,

AMERICANO chemicals, machines and equip-

POLAND

Under already signed con-tracts the USSR will buy ma-

chine tools, consumer goods,

sporting gear and cosmetics. Po-land will also buy various pro-

ducts from the USSR. For in-

stance, the firm Varimex has

contracted to buy batches of Zenit, Klev and Smena cameras,

binoculars, exposure meters, etc.

The countries will also ex-

The show was visited by over

change press, art, graphics and

sculpture items.

150,000 neonle.

BANCO HISPANO

BUSINESS

'MADE

Drawing to a close in Moscow is a show of Polish exports at-

tended by some three-fourths of all Pollsh foreign trade enter-prises. On show are machine tools and equipment, electronic

gadgetry, agricultural machines and consumer goods.

At symposiums Polish special-

ists and foreign trade organiza-

tion representatives acquainted

their Soviet colleagues with new

developments in science and technology and the country's ex-

it was the first Spanish bank

which opened a permanent rep-

resentation office in Moscow

five years ago, and was accre-

died to the USSR State Bank.

In a talk with an MNI corres-

condent, the office head, Nit Santiago Tovar, said that their

adivky here began ten years

ago when the two countries had

rigned their first trade agree-

ment after the restoration of

democracy in Spain. At that

to establish direct business con-

tacts with the Soviet Union,

These were many of the Bank's

dents among them. Their ope-

lations, and the fact that tho

Not was interested in expand-

og cooperation, led to the situa-

ion in which today Batteo His-

rano Americano is one of the

eggest Spanish partners of the

The policy of our Bank,

Mi Santiago Tovar went on,

Spanish commodities to Soviet

Daly, except Monday, 10 a.m.

CONCERT HALLS

Otiyabr Cinema and Concert

Ema, and ensemble directed by Eris Mironov.
Frunze Central House of the Swiet Army. Summer Theatre 12 Kommuna Sql. 4, 5 — "Oh, liosa Different, Different Faces!", programme featuring Yuri Garia and Moskontsort perfor-

Corky Central Park of Culture

__SPORTS ___

MH INFORMATION No. 60, 1984

LIASTOO¹

ment, cars and tractors. The Bank's major clients are the mixed Soviet-Spanish commission, Sovhispan, the Irra Carbonell, the firm Inta-Emar which delivers containers for transporting chemicals, food-atulis, vegetables and fruit to the Soviet Union. Side by side with other crediting and financial agencies in Spain, the Bank is one of the major financiers of the contract, signed for 10 years, between the V/O Soyuzkhimexport, the muxed company Soqui-mes and the firm Fosforico Espanol. The contract envisages exporting to the Soviet Union big consignments of superphospho ric acid. The deliveries will start suon and will come from the plant built specially in Spain in order to supply the Soviet market. The chemical firm Explo alvos Rio Tinto Is a co-owner of the plant. This firm is also trading with the Soviet Union through the Bank, and the trade involves with exports and im-

ports of chemical goods.
Under an agreement with the V/O Sudoimport, Soviet ships undergo repairs at Spanish shipvards. Banco Hispano Americano is also taking part in those deals, linancing, for instance, the repairs carried out at the Astilleios Canarios shipvards.

TRACK-AND-FIELD EVENTS

till 8 pm. Metro Kropotkin-Lenia Central Stadium. 4, 5 6-Moscow championship on septathion, 4 and 5-at 10 a.m. and 5 p.m. 6-at 5 p.m.

Women's septathion means compelitions in 100 and 600 m race, long and high jumps, javelin throwing, shot put and 100 m hurdles.

SKATING

Hall (42 Prospekt Kalinina). 4,5
"World Gipsy Songs" proFamme, featuring Rosa DzhelaHyera, Pyotr Demeir, vocal trio
Bona, and ensemble directed by
Etils Miranory Olimpilsky Sports Complex (Metro Prospekt Mira), 5--Mass skaling, 10,30 a.m., 1.30 p.m., 4.30 p.m., 7.30 p.m. RUGBY

Fili Stadium (22 Novozavoda kaya Si). International competiand Rest, Green Theatre (Metro Park Koltury). 4, 5—"Meetings at the Neskuchny Gardens", a diamatical includes the Neskuchny Gardens", a tions for the "Sotsialisticheskaya Industriya" prize. USSR-2 vs West Germany, 6 p.m. damatized variety performance drected by M. Zloinikov, winter of the international festival

RACING

Hippodrome (22 Begovaya St). 5—Racing and trotting. 1 p.m.

[WEATHER]

August 4-6

Dynamo Stadlum, 5—Central Anny Club vs Yerevan Ararat.

Spn. 6-Moscow Dynamo vs

Vilula Zalgiris. 7 p.m. In Moscow, city and region,

cloudy with bright intervals, Thunderstorms possibly. Night and morning mists in the region. N and NE winds, 3-7 mps, Night temperature—10°-15°C; maxiis the first leg CAC lost part to Areral while Dynamo was beaten 1—0 by Zalgiris. mum day temperature between 20° and 26°C.

Cooperation with 120 nations

Participating in international shipping, the Soviet merchant fleet maintains commercial links with firms and companies in over 120 countries, and under takes the entire volume of coastal shipping and nearly half Soviet foreign trade.

The determining factor in the

development of shipping is meeting the needs of the Soviet economy. Recently built were big ports Hytchevsk and Yuzhny on the Black Sea, Nakhodka and Vostochny in the Far East, and now under construction is the Novo-Tallian port on the Baltic. In building up the marine the emphasis is on adding more icebreaker transport ships ensuring roundthe year shipping in the Arctic. Soon to be built are the nuclearpowered icebreaker "Rossiya" and a nuclear-powered lighter carrier for operation in the

Soviet sea organizations want more international economic re-lations on the basis of equality and stability. The Declaration of the CMEA economic summit notes that international relations should be free of any manner of economic aggression like the use or threat of use of embargoes, boycotts, or trade, credit and technological blockades.

Contacts and contracts

The mixed Soviet-Chinese railway border commission has mel again in Kharbin (People's Republic of Chine) to discuss the possibilities for expanding international haulage and in-creasing its efficiency. A protocol has been signed

O in accordance with contracts concluded by a number of Soviet and Czechoslovek foreign trade organizations, three hydro-purification installations will be delivered to the USSR. Also expected are three lather for processing 35 m long crankshalfs for ocean ships and a large batch of computer equip-

© Fulfilling a Soviet order, Hungarian shipbuilders started work on making floating crane capable of holsting 150 tonnes of freight. At present over 500 "floating loaders" made in Hungary work on Soviet chart. gary work on Soviet rivers.

(i) The first consignment of Soviet-made Zaporozhets cars, classed among the best automo-biles et an exhibition held in Islanbul, has been delivered to

Iniourist will provide services

for the foreign participants of the 27th International Geologi-

cal Congress in Moscow, and

accommodate them in the best

olela, auch oa Rosalyo, Kosmoa,

Iniourist, Ukraina, and Belgrad.
A number of sightscoing excursions are planned for the par-

ticipanis and those accompanying them. There are additional trips

to the following areas: Zagorsk (with its Trollee Sergieva Lav-

ra), Klin where the Tchalkov-

sky house-museum is sliualed, Tula and Leo Tolsioy's Yasnaya

Polyana, as well as Suzdal and

Those accompanying the Con-

gress are offered the following

programme:

— a visi; to the All-Union
Fashion House,

— meeting with Soviet public
ligures of Friendship House,

— round-lable discussions on

social majiers;
— excutsions to the Exhibition of Economia Achievements

- visiting the Mositim Stu-

Roslov-the-Great.

of the USSR,

Programme

SOVIET TECHNICAL CENTRE

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IN HUNGARY A technical centre run by V/O Technolatorg and Mashpriborintorg has opened in Budapest to provide technical servicing, repairs and spares for Soviet instruments and household devices, whose sales to Hungary are on the up and up. For instance, Technolotorg has supplied Hungary with 9,000,000 watches, over 1,000,000 radio

sets, and 300,000 TV sets. Mash-

priborintorg exports include an-

li-hail equipment, high-preci-sion measurement microscopes,

mountain rescue units and other

Intourist

Together with the Organizing

Commilies of the 27th Interna-tional Geological Congress In-

cipanis with several-day tours

belore and after the Congress,

including areas of geological al-

news

SOVIET RAIL

WILL ALWAYS

Turkey.

for participants of geological congress

Hope's automated units Under a contract signed be-

tween V/O Prommashimport and the Danish firm Hope Computer Corporation the USSR will buy It new automated units for deeloping phototechnical films. The contract also includes the supply of a hundred various machines for printing houses in Moscow, Leningrad, Klev and other cities. Talking to the press, president of the firm, former parliamentary deputy Thure Barse-Carnfeldt spoke warmly of his business ties with Soviet partners, particularly about the latter's reliability, good prospects and the mutually beneficial na-ture of the trade lies. He remarked that cooperation tween Soviet foreign trade associations and medium and small Danish firms is easential in the development of bilateral

A NEW PLANT IS READY

Finishing touches are being put in the workshops of a tractor plant in Nazret which is being built in Ethiopia with Soviet

The estimated capacity of the tors a year, provided the workers work one shift only,

Philately

GEOLOGICAL CONGRESS

The USSR Ministry of Communications has issued a postage stamp devoted to the 27th in-ternational Geological Congress which has opened in Moscow. The slamp's denomination is 5 hopeks. Another recent issue dedicated to the congress is a spacial postcard with an original stamp (not available separately) and a stamped picture envelope. Mail will be franked with a memorial stamp during the pariod of the con-

TELEGRAPH BEGGETEXXVII...... Appendic ...